

THE VASCULAR PLANTS OF HACKENSACK RIVER AREA

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Abstract

The upper Hackensack River-Estuary is located in Bergen County, New Jersey. It includes residential, commercial and industrial areas. An annotated list of vascular plants was produced from collections made by the author from June, 1980 to October, 1981, herbarium records and literature sources. Three hundred-sixty-two (362) taxa are found along the Hackensack River from the Hackensack Meadowlands to the Oradell Reservoir Dam.

Introduction

The Hackensack River, lying approximately 10km west of Manhattan Island, begins in Haverstraw, New York (Rockland County) and extends south to Newark Bay (Essex County, New Jersey), a linear distance of about 45km.

The Hackensack River-Estuary can be divided into five associations: wetlands, industrial, disturbed, parks and native. The wetlands category includes permanent brackish and freshwater marsh areas and banks covered only by spring and storm tides. Phragmites communis Trin. is by far the most noticed plant. Other species found include Typha spp. (cat-tails), Aster subulatus Michx. (salt marsh aster), Pulchea purpurascens (SW) DC, (salt marsh fleabane) and a number of species recorded by Britton (1889).

Many segments of the study are industrial regions and asphalt roads and parking lots terminate only a few feet from the river, leaving a bare stretch of gravel which is periodically washed by the tides. A few plants such as Cicuta maculata L. (cowbane) or grasses are able to

spring from crevices. Usually, however, heavy traffic, vehicular and human, has eliminated all foliage. Other species found include Typha spp. (cat-tails), Aster subulatus Michx. (salt marsh aster), Pulchea purpurascens (SW) DC, (salt marsh fleabane).

The Hackensack River-Estuary is located in a densely-populated area and virtually the entire length of the river has been disturbed by the construction of apartment complexes, businesses, schools or private homes. These disturbed areas harbor a plethora of species, especially introduced species and ones that have escaped cultivation. The narrow strip of land left between the black asphalt parking lot of Fairleigh Dickinson University and the river showed the most diverse flora: Melilotus alba Desr. (sweet clover), M. officinalis (L.) Lam. (yellow sweet clover), Taraxacum officinalis Weber (common dandelion), Ambrosia artemisiifolia L. (ragweed), Lychnis alba L. (campion), Convolvulus sepium L. (bindweed), Narcissus pseudonarcissus L. (wild daffodil) and Cornus stolonifera Michx. (red-osier dogwood) are but a few of the species found here.

The Von Steuben House, Borough of River Edge, and Johnson and Foschini Parks, City of Hackensack, are examples of the park-type of plant association. Most of the vegetation in these areas was consciously planted and landscaped but often native species are protected and allowed to thrive, such as P. communis Trin. and Helianthus tuberosus L. (Jerusalem artichoke) at the Von Steuben House. Private lands of homeowners and companies, such as the Hackensack Water Company, would be included in this category but they were not sampled.

Prior to 1610, northern New Jersey was inhabited by the Leni-Lenape Indians, an independent tribe of Algonquin-speaking people. It is well known that the Indians disturbed the native vegetation by periodic and/or accidental burnings (Baird, 1956; VanVechter and Buell, 1959). The Indians destroyed the forests by clearing for villages, cutting firewood, and agricultural clearing. They also commonly set fires to the forest to drive game, increase visibility, decrease insect and reptile populations, increase the amount of seeds and berries used for food and as defensive and offensive actions in war (Day, 1953). At one time, the Hackensack River vicinity was a mixed deciduous growth with oak predominant

(Vermeule, 1895). A few tracts claimed to be the original forest were noted in the Hackensack Valley in 1894; all of these tracts were oak (Vermeule, 1894).

The early European settlers felled immense numbers of trees in this area which were used by New York City residents for fuel and building materials (Uminski, 1965). The remaining vegetation was destroyed by urbanization. Possibly the last vestige of native forest is Borg Woods, City of Hackensack, near the Coles Brook tributary, and some areas owned by the Hackensack Water Company. In 1980, a Pinus banksiana Lamb, a P. sylvestris L. and a Populus deltoides marsh with circumferences of 3'3", 17'8" and 17'10" respectively, the largest of their species in New Jersey, were found on property owned by the Hackensack Water Company (Porcella, 1980).

Previous Studies of the Flora of the Hackensack River-Estuary

No flora concerning the vascular plants has been published. Britton (1889) mentions a number of species associated with the Hackensack River, its marshes or meadows. It is hoped that this present paper will provide both a stimulus and a basis for further study of this area.

Taxonomy and Arrangement of the Flora

The taxonomy and arrangement of the families is based on that of Fernald (1950) unless noted otherwise. Information concerning known rare or endangered plants is also given. The genera and species are alphabetized within each family. If no reference is given, the species was collected by the author who maintains them in her herbarium. Specimens in the Chrysler Herbarium, Rutgers University, are designated by "CHRU".

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Flora Of The Hackensack River-Estuary

Equisetaceae Horsetail Family

Equisetum arvense L. (common horsetail)
moist areas (Chrysler and Edwards, 1947)
Equisetum fluviatile L. (water horsetail)
marshes (Chrysler and Edwards, 1947)

Lycopodiaceae Club Moss Family

Lycopodium L. (club moss)
area of city of Hackensack (BCCAPEAT, 1979)
Lycopodium inundatum L. (bog club moss)
damp areas, 1942 (CHRU)
Lycopodium selago var. appressum Desv. (bog club moss)
meadows (Chrysler and Edwards, 1947)

Selaginellaceae Spikemoss Family

Selaginella apoda (L.) Fern. (meadow spikemoss)
meadows (Chrysler and Edwards, 1947)

Isoetaceae Quillwort Family

Isoetes engelmanni A.Br. (Engelmann's quillwort)
river banks, swamps (Chrysler and Edwards, 1947)

Ophioglossaceae Adder's Tongue Family

Botrychium dissectum Spreng. (moonwort, grapefern)
Bergern Point, 1868 (CHRU); wooded areas (Chrysler and Edwards, 1947)
Botrychium dissectum forma obliquum (Muhl.) Fern.

- wooded areas (Chrysler and Edwards, 1947)
Botrychium lanceolatum var. angustisegmentum Pease and Moore
 moist woods, hummocks in swamps (Chrysler and Edwards, 1947)
Botrychium multifidum (Gmel.) Rupr. (leathery grape fern)
 Bergen Point, 1967 (CHRU)
Botrychium virginianum (L.) Sw. (rattlesnake fern)
 moist, rich areas (Chrysler and Edwards, 1947)
Oncoclea sensibilis L. (sensitive fern)
 area of city of Hackensack (BCCAPEAT, 1979)
Ophioglossum vulgatum L. (adder's tongue)
 abundant on Hackensack marshes (Britton, 1889)

Osmundaceae

Flowering Fern Family

- Osmunda claytoniana L. (interrupted fern)
 moist woods, swamp margins (Chrysler and Edwards, 1947);
 wooded area, 1969 (CHRU)
Osmunda cinnamomea L. (cinnamon fern, fiddle heads)
 area of City of Hackensack (BCCAPEAT, 1979); swamps and
 stream banks (Chrysler and Edwards, 1947)
Osmunda regalis L. (flowering fern, royal fern)
 swamps (Chrysler and Edwards, 1947)

Polypodiaceae

Fern Family

- Adiantum pedatum L. (maidenhair fern)
 moist woods, along stream (Chrysler and Edwards, 1947)
Asplenium platyneuron (L.) Oakes (ebony spleenwort)
 woods and stream banks (Chrysler and Edwards, 1947)
Athyrium filix-femina (L.) Roth (lady fern)
 moist woods, meadows (Chrysler and Edwards, 1947)
Athyrium filix-femina var. asplenioides (Michx.) Farw.
 moist woods, 1917 and 1945, along streams, 1948 (CHRU)
Athyrium thelypteroides (Michx.) Desv. (silvery spleenwort)
 moist woods (Chrysler and Edwards, 1947)
Dryopteris cristata (L.) Gray (crested shield fern)
 marshes (Chrysler and Edwards, 1947)
Dryopteris cristata var. clintoniana (D.C. Eat.) Underw.
 (Clinton's fern)
 swamps (Chrysler and Edwards, 1947); swamps along
 Hackensack River (Britton, 1889)
Dryopteris marginalis (L.) Gray (evergreen or marginal
 shield fern)

- woods (Chrysler and Edwards, 1947)
Dryopteris simulata Davenp. (Massachusetts's fern)
 moist woods (Chrysler and Edwards, 1947)
Dryopteris spinulosa (O.F. Mueller) Watt (spinulose
 woodfern)
 swamps, damp woods (Chrysler and Edwards, 1947)
Dryopteris spinulosa var. intermedia (Muhl.) Underw.
 (American shield fern, fancy fern)
 woods, hummocks in swamps (Chrysler and Edwards, 1947)
Dryopteris spinulosa X boottii (Tuckerm.) Underw. (Boott's
 fern)
 swamps (Chrysler and Edwards, 1947)
Dryopteris thelypteris (L.) Gray (marsh fern)
 area of City of Hackensack (BCCAPEAT, 1979)
Dryopteris thelypteris var. pubescens (Lawson) Nakai
 (marsh-, meadow-, or snuff-box fern)
 bog and swamp areas, 1862 and 1948 (CHRU)
Matteuccia struthiopteris (L.) Todara (ostrich fern)
 wooded flood plains (Chrysler and Edwards, 1947)
Pteridium aquilinum var. latiusculum (Desv.) Underw.
 (bracken, brake)
 woods (Chrysler and Edwards, 1947)
Polystichum acrostichoides (Michx.) Schott (dagger- or
 Christmas fern)
 area of City of Hackensack (BCCAPEAT, 1979)
Woodwardia areolata (L.) Moore (netted chainfern)
 swamps, 1887 (CHRU)
Woodwardia virginica (L.) Sm. (chain fern)
 abundant on Hackensack marshes (Britton, 1889); swamps
 (Chrysler and Edwards, 1947); island on Hackensack River,
 1945 (CHRU)

Pinaceae

Pine Family

- Chamaecyparis thyoides (L.) BSP (Atlantic white cedar)
 swamp areas, 1948 and 1949 (CHRU); area of City of
 Hackensack (BCCAPEAT, 1979)
Juniperus communis L. (common juniper)
 woods, 1963 (CHRU)
Pinus banksiana Lamb. (jack pine)
 Hackensack Water Company property; largest of its species
 in state (Porcella, 1980)
Pinus strobus L. (eastern white pine)
 area of City of Hackensack (BCCAPEAT, 1979)
Pinus sylvestris L. (Scotch pine)
 Hackensack Water Company property; largest of its species

in state (Porcella, 1980)

Tsuga canadensis (L.) Carr. (eastern hemlock)
area of City of Hackensack (BCCAPEAT, 1979)

Typhaceae

Cat-Tail Family

Typha angustifolia L. (narrow-leaved cat-tail)
remarkably luxuriant and abundant in the Hackensack River
(Britton, 1889);

marsh areas of City of Hackensack (BCCAPEAT, 1979);
Borough of New Milford region of river

Typha latifolia L. (common cat-tail, broad-leaved
cat-tail)

marsh areas of City of Hackensack (BCCAPEAT, 1979);
Borough of New Milford region of river

Zosteraceae

Pondweed Family

Potamogeton amplifolius Tuckerm. (large-leaved pond weed)
Hackensack River (Britton, 1889)

Potamogeton gramineus L. (grass-like pondweed)
waters of the Hackensack (Britton, 1889)

Potamogeton pectinatus L. (sago pondweed)
Hackensack River (Britton, 1889)

Potamogeton perfoliatus L.
Hackensack River, 1963 (CHRU)

Potamogeton robbinsii Oakes (pondweed)
Hackensack River (Britton, 1889)

Potamogeton virginica (L.) Schott and Endl.
(crimped-leaved pondweed)

marsh area of City of Hackensack (BCCAPEAT, 1979)

Potamogeton zosteriformis Fern. (flat stem pondweed)
Hackensack River (Britton, 1889)

Alismataceae

Water Plantain Family

Sagittaria calycina Engelm. (arrowhead)
designated a subspecies by Gleason and Cronquist, 1963;
Hackensack marshes (Britton, 1889)

Sagittaria natans Michx. (arrowhead)
Hackensack streams (Britton, 1889)

Gramineae

Grass Family

- Agrostis hyemalis (Walt.) BSP. (tickle grass, hairgrass)
swamp region, 1948 (CHRU)
- Agrostis perennans (Walt.) Tuckern. (upland bent grass)
disturbed areas
- Alopecurus aequalis Sobol. (foxtail)
edges of streams, 1867 (CHRU); state endangered (Snyder
and Vivian, 1981)
- Andropogon scoparius Michx. (beard grass)
disturbed areas
- Dactylis glomerata L. (orchard grass)
disturbed areas
- Digitaria sanguinalis (L.) Scop. (crabgrass)
area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas
- Elymus canadensis L. (wild rye)
Hackensack meadows (Britton, 1889)
- Panicum dichotomum L. (panic grass)
wet ground, 1866 (CHRU)
- Phragmites communis Trin. (reed grass, foxtails, bulrush)
abundant from Overpeck Creek to Oradell, this species is
the "trademark" of the entire river and meadowlands
- Sorghum halepense (L.) Pers. (Johnson grass)
area of City of Hackensack (BCCAPEAT, 1979)
- Spartina cynosuroides (L.) Roth (cord grass, marsh grass)
Hackensack marshes (Britton, 1889)
- Spartina pectinata Link. (freshwater cordgrass,
sloughgrass)
Hackensack marshes, 1948 (CHRU)
- Zizania aquatica L. (wild rice, Indian rice)
Hackensack marshes, 1864 (CHRU); very abundant on
Hackensack marshes (Britton, 1889); swamp area, 1948
(CHRU)

Cyperaceae

Sedge Family

- Carex bromoides Schkuhr
swamps, 1866 (CHRU)
- Carex buxaumii Wahl. (sedge)
Hackensack meadows, 1885 (CHRU); Hackensack marshes
(Britton, 1889)
- Carex canescens L.
Hackensack swamps, 1884 (CHRU)
- Carex comosa Boott.
bogs, 1864 (CHRU)
- Carex crinita Lam.

- Hackensack swamps, 1869 (CHRU)
Carex disperma Dew.
 Hackensack swamps, 1861 (CHRU)
Carex filiformis Nutt (sedge)
 Hackensack meadows, 1866 (CHRU); Hackensack meadows
 (Britton, 1889)
Carex gracillima Schwein.
 wet meadows, 1861 and 1864 (CHRU)
Carex granularis Muhl.
 Little Ferry, 1887 (CHRU)
Carex lupulina var. polystachya Schw. and Torr. (sedge)
 Hackensack flats, in woods (Britton, 1889)
Carex merritt-fernaldii MacKenz.
 Hackensack swamps, 1868 and 1884 (CHRU)
Carex platyphylla Carey
 Hackensack meadows, 1878 (CHRU)
Carex tetanica Schkuhr.
 Little Ferry, 1887 (CHRU)
Cyperus strigosus L. (sedge)
 disturbed area in Borough of Bogota
Eleocharis olivacea Torr. (spike rush)
 abundant in Hackensack meadows (Britton, 1889)
Eleocharis parvula (R. and S.) Link. (dwarf spike rush)
 marsh area of City of Hackensack (BCCAPEAT, 1979)
Eleocharis rostellata Torr. (spike rush)
 abundant in Hackensack marshes (Britton, 1889)
Scirpus americanus Pers. (three-square bulrush)
 marsh areas of City of Hackensack (BCCAPEAT, 1979)
Scirpus olneyi Gray (bulrush)
 Hackensack meadows, frequent (Britton, 1889); ponds, 1958
 (CHRU)
Scirpus smithii Gray
 pond, 1944 (CHRU)

Araceae

Arum Family

- Arisaema atrorubens (Ait.) Blume (jack-in-the-pulpit,
 Indian turnip)
 woods
Calla palustris L. (water arum)
 frequent in deep swamps in Hackensack marshes (Britton,
 1889)
Peltandra virginica (L.) Schott. and Endl. (arrow arum,
 tuckahoe)
 marsh area of City of Hackensack (BCCAPEAT, 1979); in
 water under Route 4 bridge; in water at VonSteuben House

Symplocarpus foetidus (L.) Nutt. (skunk cabbage)
area of City of Hackensack (BCCAPEAT, 1979)

Lemnaceae Duckweed Family

Lemna minor L. (duckweed)
marsh areas of City of Hackensack (BCCAPEAT, 1979)

Xyridaceae Yellow-Eyed Grass Family

Xyris flexuosa Muhl. (yellow-eyed grass)
Moonachie, 1945 (CHRU); state endangered (Snyder and
Vivian, 1981)

Eriocaulaceae Pipewort Family

Eriocaulon septangulare With. (white buttons, duckgrass)
pond, 1938 (CHRU)

Commelinaceae Spiderwort Family

Commelina communis L. (dayflower)
disturbed areas
Tradescantia virginica L. (spiderwort)
edge of Phragmites communis marsh at VonSteuben House

Pontederiaceae Pickleweed Family

Heteranthera graminea (Michx.) Vahl. (water strawgrass)
common along Hackensack River (Britton, 1889)
Heteranthera reniformis R. and P. (mud plantain)
common along Hackensack River (Britton, 1889)

Liliaceae Lily Family

Allium vineale L. (onion, field-garlic, scallion)
disturbed areas
Hemerocallis fulva L. (common orange day lily)
occasional along the river banks, especially at Fairleigh
Dickinson University, the VonSteuben House and in the
Borough of New Milford

Lilium superbum L. (Turk's cap lily)
 common on Hackensack meadows (Britton, 1889)
Ornithogalum umbellatum L. (star of Bethlehem,
 nap-at-noon)
 edge of river at the VonSteuben House
Scilla nonscripta (L.) Hoffm. and Link (English bluebell,
 harebell)
 cultivated species which probably escaped; edge of
Phragmites marsh at the VonSteuben House
Smilax pseudo-china L. (catbrier)
 disturbed areas

Amaryllidaceae

Amaryllis Family

Narcissus pseudo-narcissus L. (wild daffodil)
 edge of Phragmites marshes at VonSteuben House and
 Fairleigh Dickinson University

Iridaceae

Iris Family

Iris prismatica Pursh (slender blue flag)
 abundant on Hackensack meadows (Britton, 1889)
Iris pseudocarus L. (yellow iris, yellow flag, water flag)
 common on river banks at Fairleigh Dickinson University
 and at the VonSteuben House
Iris versicolor L. (blue flag)
 area of City of Hackensack (BCCAPEAT, 1979)

Salicaceae

Willow Family

Salix babylonica L. (weeping willow)
 area of City of Hackensack (BCCAPEAT, 1979)
Salix nigra Marsh. (black willow)
 area of City of Hackensack (BCCAPEAT, 1979)
Populus deltoides Marsh. (cotton wood, Carolina poplar,
 poplar)
 Hackensack Water Company property; largest of its species
 in state (Porcella, 1980)
Populus tremuloides Michx. (quaking aspen)
 area of City of Hackensack (BCCAPEAT, 1979)

Juglandaceae

Walnut Family

Carya glabra (Mill.) Sweet (pignut)
woods, 1861 (CHRU)

Corylaceae

Hazel Family

Alnus serrulata (Ait.) Willd. (common alder)
swampy area, 1969 (CHRU)

Betula nigra L. (river birch, red birch)
area of City of Hackensack (BCCAPEAT, 1979)

Betula populifolia Marsh. (gray birch)
area of City of Hackensack (BCCAPEAT, 1979); woods, 1968
(CHRU)

Carpinus caroliniana Walt. (American hornbeam)
area of City of Hackensack (BCCAPEAT, 1979); wooded area,
1968 (CHRU)

Fagaceae

Beech Family

Fagus grandifolia Ehrh. (American beech)
area of City of Hackensack (BCCAPEAT, 1979); woods, 1968
(CHRU)

Quercus alba L. (white oak)
area of City of Hackensack (BCCAPEAT, 1979); woods, 1861
and 1968 (CHRU)

Quercus bicolor Willd. (swamp-white oak)
not common in old cedar bog, 1948 (CHRU)

Quercus coccinea Muenchh. (scarlet oak)
wooded area near Oradell Dam; woods, ca. 1860 (CHRU)

Quercus ilicifolia Wang. (bear-oak, scrub oak)
woods, ca. 1860 and woods, 1878 (CHRU)

Quercus palustris Muenchh. (pin oak)
not common in old cedar bog, 1948 (CHRU); area of City of
Hackensack (BCCAPEAT, 1979); banks of river in Borough of
New Milford

Quercus prinus L. (chestnut oak, swamp white oak)
area of City of Hackensack (BCCAPEAT, 1979); Snyder and
Vivian (1981) categorize this species as "rare, local,
declining in numbers"; woods, 1968 (CHRU)

Quercus rubra L. (red oak)
woods, ca. 1860 (CHRU); area of City of Hackensack
(BCCAPEAT, 1979)

Quercus stellata Wang. (post-oak)
woods, 1861 (CHRU)

Quercus velutina Lam. (black oak, yellow-barked oak)

area of City of Hackensack (BCCAPEAT, 1979)

Ulmaceae Elm family

Celtis occidentalis L. (nettle tree, hackberry, sugarberry)

woods, 1861 (CHRU)

Ulmus americana L. (American elm, white elm)
area of City of Hackensack (BCCAPEAT, 1979)

Ulmus rubra Muhl. (slippery elm, red elm)
woods, 1883 (CHRU)

Moraceae Mulberry Family

Morus rubra L. (red mulberry)

woods, 1861 (CHRU)

Cannabaceae Hemp Family

Cannabis sativa L. (marijuana)

ballast pile, 1879 (CHRU)

Humulus lupulus L. (common hop)

waste area, 1861 (CHRU)

Urticaceae Nettle Family

Boehmeria cylindrica (L.) Sw. (bog hemp)

rare in old cedar bog, 1948 (CHRU)

Laportea canadensis (L.) Wedd. (wood nettle)

woods, 1861 (CHRU)

Pilea pumila (L.) Gray (richweed, clear weed, coalwort)

not common in old cedar bog, 1948 (CHRU)

Urtica gracilis Ait. (nettle)

Hackensack, ca. 1880 (CHRU)

Polygonaceae Buckwheat Family

Polygonum arifolium L. (halbred-leaved tearthumb)

swamps, 1948 (CHRU)

Polygonum careyi Olney (knotweed)

Hackensack swamps (Britton, 1889)

Polygonum cuspidatum Sieb. and Zucc. (Japanese knotweed)

disturbed areas

Polygonum pennsylvanicum L. (pinkweed)

disturbed areas

Polygonum punctatum Ell. (water smartweed)

bordering creeks, very common and most abundant, 1948 (CHRU)

Polygonum scandens L. (climbing false buckwheat)

old cedar bog, 1948 (CHRU)

Rumex crispus L. (yellow-dock, sorrel)

disturbed areas

Rumex orbiculatus Gray (waterduck)

cedar bog, 1865; Carlstadt, 1869; Secaucus, 1871; old cedar bog, 1948 (CHRU)

Chenopodiaceae

Goosefoot Family

Atriplex patula var. hastata (L.) Gray (orach)

old cedar bog, 1948 (CHRU)

Chenopodium album L. (lamb's quarters, white goosefoot, pigweed)

Hackensack, 1968 (CHRU); area of City of Hackensack (BCCAPEAT, 1979); disturbed areas

Amaranthaceae

Amaranth Family

Amaranthus lividus L. (amaranth)

cultivated fields, 1916 (CHRU)

Phytolaccaceae

Pokeweed Family

Phytolacca americana L. (pokeweed)

disturbed areas, 1968 (CHRU); area of City of Hackensack (BCCAPEAT, 1979); edge of Phragmites marsh at the VonSteuben House

Portulacaceae

Purslane Family

Claytonia virginica L. (spring beauty)

area of City of Hackensack (BCCAPEAT, 1979); high banks in wooded areas

Caryophyllaceae

Pink Family

- Cerastium nutans Raf. (mouse-ear chickweed)
woods, 1861 (CHRU)
- Cerastium vulgatum L. (common mouse-ear chickweed)
Schraalenburgh, 1861 (CHRU)
- Lychnis alba Mill. (white capion, white cockle, evening
lychnis)
disturbed areas
- Paronychia canadensis (L.) Wood. (forked chickweed)
along Hackensack River, ca. 1860 (CHRU)
- Sagina procumbens L. (birdseye)
swampy areas, 1861 (CHRU)
- Saponaria vaccaria L. (cow herb, cow-cockle)
waste area, 1880 (CHRU)
- Silene cucubalus Wibel (bladder capion, maiden's tears)
disturbed areas
- Stellaria graminea L. (common stichwort)
Little Ferry, 1887 (CHRU)
- Stellaria longifolia Muhl. (starwort)
disturbed areas

Nymphaeaceae

Water Lily Family

- Brasenia schreberi Gmel. (purple wen-dock)
slow-moving areas of Hackensack River, 1854 (CHRU)
- Nuphar microphyllum (Pers.) Fern. (small yellow waterlily)
Hackensack River, 1864 (CHRU); common on Hackensack River
(Britton, 1889); Snyder and Vivian (1981) report this
species is declining in numbers and was last reported in
Bergen County before 1900
- Nymphaea L. (fragrant water-lily, pond lily)
wet meadows, 1915 (CHRU)

Ranunculaceae

Crowfoot Family

- Actaea pachypoda Ell. (white baneberry, doll's eyes)
woods, 1878 (CHRU)
- Anemone quinquefolia L. (wood anemone)
swamp area, 1861 (CHRU)
- Coptis groenlandica (Oeder) Fern. (goldthread)
swamps along Hackensack River (Britton, 1889)
- Ranunculus acris L. (common buttercup, tall buttercup)
area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas
- Ranunculus pusillus Poir.

swamp area, 1861 (CHRU); declining in number in New Jersey (Snyder and Vivian, 1981)

Ranunculus recurvatus Poir.

Hackensack, 1896 (CHRU)

Ranunculus reptans L. (creeping spearwort)

banks of Hackensack River, 1875 (CHRU)

Ranunculus sceleratus L. (cursed crowfoot)

marshes, 1879 and not common in area bordering old cedar bog, 1948 (CHRU)

Ranunculus subrigidus W.B. Drew (stiff white

watercrowfoot)

Hackensack River (Britton, 1889); categorized as "rare" by Snyder and Vivian (1981)

Thalictrum polygamum Muhl. (tall meadowrue, muskrat weed, King-of-the-Meadow)

banks near French Creek; cedar bog marsh, 1948 (CHRU)

Trollius laxus Salisb. (spreading globe-flower)

Hackensack meadows, 1872 (CHRU)

Berberidaceae

Barberry Family

Caulophyllum thalictroides (L.) Michx. (papoose-root)

woods, ca. 1860 (CHRU)

Magnoliaceae

Magnolia Family

Liriodendron tulipifera L. (tulip tree, tulip poplar)

area of City of Hackensack (BCCAPEAT, 1979)

Lauraceae

Laurel Family

Lindera benzoin (L.) Blume (spicebush, Benjamin-bush)

area of City of Hackensack (BCCAPEAT, 1979); moist woods, 1960 (CHRU)

Sassafras albidum (Nutt.) Nees (white sassafras)

area of City of Hackensack (BCCAPEAT, 1979); banks of river in Borough of Bogota

Papaveraceae

Poppy Family

Corydalis sempervirens (L.) Pers. (rock-harlequin, pale corydalis)

Hackensack, 1896 (CHRU)

Dicentra eximia (Ker) Torr. (turkey-corn, staggerweed)
woods, 1875 (CHRU)

Glaucium flavum Crantz (horn-poppy, sea-poppy)
ballast piles, 1880 (CHRU)

Cruciferae

Mustard Family

Alyssum alyssoides L.

ballast piles, 1879 (CHRU)

Arabis thaliana (L.) Heynh. (mouse-ear cress)
roadsides, 1864 (CHRU)

Barbarea vulgaris R.Br. (common winter-cress, yellow
rocket)

disturbed areas

Brassica kaber (DC.) L.C. Wheeler (charlock)

disturbed areas

Capsella bursa-pastoris (L.) Medic. (shepard's purse)
area of City of Hackensack (BCCAPEAT, 1979)

Cardamine pensylvanica Muhl. (bitter cress)

old cedar bog, 1948 (CHRU)

Cardamine pratensis L. (cuckoo flower)

Hackensack swamps (Britton, 1889); cedar swamp, 1861
(CHRU)

Dentaria diphylla Michx. (toothwort, pepperwort)
woods, 1870 (CHRU); rare (Snyder and Vivian, 1981)

Dentaria laciniata Muhl.

swampy areas, 1887 (CHRU)

Diplotaxis muralis (L.) DC.

ballast piles, 1878 and 1879 (CHRU)

Erysimum cheiranthoides L. (worm-seed mustard)

banks of the Hackensack River (Britton, 1889)

Lepidium campestre (L.) R.Br. (cow-cress)

Hackensack, 1896 (CHRU)

Lepidium ruderale L. (pepperwort, peppergrass,
tonguegrass)

ballast pile, 1870 (CHRU)

Lepidium virginicum L. (peppergrass, poorman's pepper)

disturbed areas

Rorippa islandica (Oeder) Borbas (yellow cress)

Hackensack, ca. 1860; old cedar bog, 1948 (CHRU)

Saxifragaceae

Saxifrage Family

Chrysosplenium americanum Schwein. (water-mat, water
carpet)

wet areas, ca. 1860 (CHRU)

Heuchera americana L. (rock-geranium)

woods, 1866 (CHRU)

Saxifraga pensylvanica L. (swamp saxifrage, wild beet)

cedar swamps, 1864 (CHRU)

Saxifraga virginiensis Michx. (early saxifrage)

woods, ca. 1860 (CHRU)

Hamamelidaceae

Witch Hazel Family

Hamamelis virginiana L. (witch hazel)

area of City of Hackensack (BCCAPEAT, 1979)

Liquidambar styraciflua L. (sweetgum)

area of City of Hackensack (BCCAPEAT, 1979)

Platanaceae

Plane Tree Family

Platanus occidentalis L. (sycamore, button-wood)

woods, 1968 (CHRU)

Rosaceae

Rose Family

Agrimonia parviflora Ait. (agrimony, cocklebur, harvest lice)

damp areas, 1883 (CHRU)

Amelanchier canadensis (L.) Medic. (shadbush)

area of City of Hackensack (BCCAPEAT, 1979)

Aronia arbutifolia L. (red chokeberry)

woods, 1875 (CHRU)

Aronia melanocarpus (Michx.) Willd. (black chokeberry)

Hackensack meadows, 1865 (CHRU)

Crataegus crus-galli L. (cockspur-thorn, hawthorn)

disturbed areas

Potentilla anserina L. (silverweed)

disturbed areas

Potentilla argentea L. (silvery cinquefoil)

disturbed areas

Prunus virginiana L. (choke cherry)

edge of river; disturbed areas

Rosa carolina L.

woods, 1887 (CHRU)

Rosa eglanteria L. (sweet brier)

area of City of Hackensack (BCCAPEAT, 1979)

Rosa multiflora Thunb. (multiflora rose)

edge of Phragmites marsh at the VonSteuben House
Rubus allegheniensis Porter (common blackberry, sow-teat
 bramble)
 disturbed areas in Borough of New Milford
Rubus hispidus L. (dewberry)
 swampy area, ca. 1861 (CHRU)
Rubus pubescens Raf. (dwarf raspberry)
 swampy area, 1868 (CHRU)

Leguminosae

Pulse Family

Anthyllis vulneraria L. (lady's fingers)
 ballast area, 1880 (CHRU)
Apios americana Medic. (groundnut, wild bean, potato-bean)
 old cedar bog, 1948 (CHRU)
Astragalus glycyphyllos L. (fitsroot)
 ballast area, 1880 (CHRU)
Baptisia tinctoria (L.) R. Br. (yellow wild indigo, rattle
 weed, horsefly weed)
 disturbed areas
Cercis canadensis L. (redbud)
 woods, 1887 (CHRU)
Coronilla varia L. (crown vetch, axseed)
 marsh area of Township of Teaneck
Lathyrus palustris L. (vetchling)
 swamps, 1861 and 1862 (CHRU)
Lathyrus palustris var. myritifolius (Muhl.) Gray (gray
 vetchling)
 Hackensack meadows (Britton, 1889)
Medicago laciniata Mill.
 ballast area, 1880 (CHRU)
Melilotus alba Desr. (sweet clover, white clover)
 disturbed areas
Melilotus indica (L.) All.
 ballast area, 1880 (CHRU)
Melilotus officinalis (L.) Lam. (yellow sweet clover)
 disturbed areas; ballast area, 1878 and 1880 (CHRU)
Robinia pseudo-acacia L. (black locust, false acacia)
 area of City of Hackensack (BCCAPEAT, 1979); disturbed
 areas in Borough of Bogota
Trifolium pratense L. (red clover)
 area of City of Hackensack (BCCAPEAT, 1979); disturbed
 areas
Trifolium procumbens L. (low hop clover)
 disturbed and marsh areas
Trifolium repens L. (white clover)

area of City of Hackensack (BCCAPEAT, 1979)

Vicia sativa L. (spring vetch)

marsh areas in Township of Teaneck

Vicia sepium L.

disturbed areas

Oxalidaceae

Wood Sorrel Family

Oxalis europaea Jord. (sourgrass, wood sorrel)

disturbed areas

Oxalis stricta L. (yellow wood sorrel)

disturbed areas

Oxalis violacea L. (violet wood sorrel)

along Hackensack River, 1864 (CHRU)

Geraniaceae

Geranium Family

Geranium maculatum L. (wild cranesbill)

Hackensack marshes, 1821 (CHRU)

Geranium robertianum L. (herb-robert)

woods, 1869 (CHRU)

Rutaceae

Rue Family

Xanthoxylum americanum Mill. (northern prickly ash,
toothache tree)

along Hackensack River, ca. 1860 (CHRU)

Simarubaceae

Quassia Family

Ailanthus altissima (Mill.) Swingle (tree-of-heaven)

area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas at Fairleigh Dickinson University

Polygalaceae

Milkwort Family

Polygala cruciata L. (milkwort)

Hackensack marshes (Britton, 1889)

Callitrichaceae

Water Starwort Family

Callitriche heterophylla var. linearis (Pursh.) Austin
(water starwort)
immersed and forming large floating masses in the
Hackensack River (Britton, 1889)

Limnanthaceae False Mermaid Family

Floerkea proserpinacoides Willd. (false mermaid)
river banks, 1881 and 1946 (CHRU)

Anacardiaceae Cashew Family

Rhus radicans L. (poison ivy)
area of City of Hackensack (BCCAPEAT, 1979)
Rhus typhina L. (staghorn sumac)
area of City of Hackensack (BCCAPEAT, 1979)

Aquifoliaceae Holly Family

Ilex verticillata (L.) Gray (black alder, winterberry)
old cedar bog, 1948 (CHRU)

Aceraceae Maple Family

Acer negundo L. (box elder)
banks of Hackensack River, 1871 (CHRU)
Acer platanoides L. (Norway maple)
area of City of Hackensack (BCCAPEAT, 1979)
Acer pseudo-platanus L. (American sycamore, sycamore
maple)
area of City of Hackensack (BCCAPEAT, 1979)
Acer rubrum L. (swamp maple, red maple, scarlet maple,
soft maple)
area of City of Hackensack (BCCAPEAT, 1979); common in old
cedar bog, 1948 (CHRU)
Acer saccharum Marsh. (sugar maple)
area of City of Hackensack (BCCAPEAT, 1979); woods, 1868
(CHRU)

Balsaminaceae Touch-Me-Not-Family

Impatiens capensis Meerb. (spotted jewelweed, snap weed,

touch-me-not)

edge of Phragmites marsh at the VonSteuben House;
disturbed areas and stream banks, 1968 (CHRU)

Rhamnaceae Buckthorn Family

Rhamnus frangula L. (alder-buckthorn)
thicket on island on Hackensack River, 1945 and common in
old cedar bog, 1948 (CHRU)

Vitaceae Vine Family

Parthenocissus quinquefolia (L.) Planch. (woodvine)
area of City of Hackensack (BCCAPEAT, 1979)

Vitis L. (grape)
area of City of Hackensack (BCCAPEAT, 1979)

Vitis labrusca L. (fox-grape)
old cedar bog, 1948 (CHRU)

Mulvaceae Mallow Family

Hibiscus moscheutos L. (swamp rose, mallow-rose)
abundant on marshes, 1948 (CHRU)

Kosteletzkya virginica (L.) Presl. (seashore mallow)
Hackensack marshes, 1884 (CHRU)

Guttiferae St. John's-Wort Family

Hypericum perforatum L. (common St. John's-wort)
bulldozed area, 1968 (CHRU)

Cistaceae Rockrose Family

Helianthemum canadense (L.) Michx. (frostweed)
disturbed areas

Violaceae Violet Family

Viola pallens (Banks) Brainerd (pale violet)
rare in old cedar bog, 1948 (CHRU)

Viola papilionaceae Pursh (meadow violet, common blue

violet, butterfly violet)
occasional in wooded areas of the Hackensack River
Viola rotundifolia Michx. (round-leaved or early yellow
violet)
springy places, 1914 (CHRU)

Lythraceae Loosestrife Family

Ammania ramosior L.
not listed in Fernald (1950); Hackensack meadows (Britton,
1889)
Lythrum lineare L. (loosestrife)
brackish Hackensack marshes (Britton, 1889); area of City
of Hackensack (BCCAPEAT, 1979); marsh area near the
VonSteuben House; Hackensack swamp, 1868 (CHRU)
Lythrum salicaria L. (purple loosestrife, spiked
loosestrife)
marsh areas of the City of Hackensack (BCCAPEAT, 1979);
marsh at the VonSteuben House

Nyssaceae Sour Gum Family

Nyssa sylvatica Marsh. (blackgum)
not common in old cedar bog, 1948 and woods, 1968 (CHRU)

Onagraceae Evening-Primrose Family

Circaea quadrisulcata (Maxim.) Franch. and Sav.
(enchanter's nightshade)
woods, 1968 (CHRU)

Umbelliferae Parsley Family

Cicuta bulbifera L. (water hemlock)
stagnant sections of the Hackensack River, 1868 (CHRU)
Cicuta maculata L. (cowbane, spotted water hemlock, beaver
poison)
edge of river under Route 4 bridge; common in old cedar
bog, 1948 (CHRU)
Daucus carota L. (wild carrot, Queen Anne's lace)
area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas
Pastinaca sativa L. (parsnip)

Hackensack meadows, 1864 (CHRU)
Ptilimnium capillaceum (Michx.) Raf. (mock bishop's weed)
 island on Hackensack River, 1945 and very abundant in old
 cedar bog, 1948 (CHRU)
Sium suave Walt. (water-parsnip)
 Hackensack River, 1870 (CHRU)

Cornaceae

Dogwood Family

Cornus alternifolia L. (pagoda dogwood, green osier)
 wooded area in Borough of New Milford section of river
Cornus canadensis L. (dwarf cornel, bunchberry,
 puddingberry)
 swamps, 1861 (CHRU); rare (Snyder and Vivian, 1981)
Cornus florida L. (flowering dogwood)
 area of City of Hackensack (BCCAPEAT, 1979); woods, 1968
 (CHRU)
Cornus stolonifera Michx. (red-osier dogwood)
 edge of river at Fairleigh Dickinson University

Clethraceae

White Alder Family

Clethra alnifolia L. (sweet pepperbush)
 common in old cedar bog, 1948 (CHRU)

Ericaceae

Heath Family

Gaultheria hispidula (L.) Bigel. (creeping snowberry)
 cedar swamps, ca. 1860 (CHRU); state endangered (Snyder
 and Vivian, 1981)
Gaylussacia frondosa (L.) T.G. (dangleberry, bluetangle)
 swamp, 1870 and not abundant in old cedar bog, 1948 (CHRU)
Leucothoe racemosa (L.) Gray (fetter bush)
 abundant on marshes (Britton, 1889); rare in old cedar
 bog, 1948 (CHRU)
Rhododendron maximum L. (great laurel, rosebay)
 swamps, 1862 (CHRU)
Rhododendron viscosum (L.) Torr. (swamp honeysuckle,
 clammy azalea)
 swamp, 1884 and common in old cedar bog, 1948 (CHRU)
Vaccinium atrococcum (Gray) Heller (black
 highbush-blueberry)
 common in old cedar bog, 1948 (CHRU)
Vaccinium corymbosum L. (highbush-blueberry)

swamp, 1870, common in old cedar bog, 1948 and edge of Oradell Reservoir, 1955 (CHRU)

Primulaceae

Primrose Family

Lysimachia thyrsiflora L. (tufted loosestrife)
Hackensack marshes near Borough of Little Ferry (Britton, 1889); swamps, 1861 and 1862 and not common at edge of old cedar bog, in freshwater, 1948 (CHRU)

Oleaceae

Olive Family

Forsythia viridissima Lindl. (forsythia, goldenbell)
probably escaped from culture at the VonSteuben House
Fraxinus americana L. (white ash)
area of City of Hackensack (BCCAPEAT, 1979)
Ligustrum vulgare L. (privet)
near swamp, 1860 (CHRU)

Gentianeaceae

Gentian Family

Gentiana clausa Raf. (closed gentian, blind gentian, bottle gentian)
meadows, 1916 (CHRU)
Gentiana saponaria L. (soapwort gentian)
sparingly on Hackensack marshes (Britton, 1889)
Menyanthes trifoliata L. (buckbean)
abundant in Hackensack marshes and Borough of Little Ferry near Overpeck Creek (Britton, 1889)
Sabatia dodecandra (L.) BSP. (American centaury, large marsh pink, sea pink)
Hackensack marshes (Britton, 1889); swamps and meadows, 1883 (CHRU); declining in numbers in recent years, rare (Snyder and Vivian, 1981)

Asclepiadaceae

Milkweed Family

Asclepias exaltata L.
near swamps, 1879 (CHRU)
Asclepias incarnata L. (swamp milkweed)
old cedar bog, 1948 (CHRU)
Asclepias syriaca L. (common milkweed)
area of City of Hackensack (BCCAPEAT, 1979)

Convolvulaceae Convolvulus Family

Convolvulus arvensis L. (field bindweed)
disturbed areas

Convolvulus sepium L. (hedge bindweed)
disturbed areas; old cedar bog, 1948 (CHRU)

Cuscuta gronovii Willd. (dodder)
entwined in Phragmites and other plants; Hackensack
marshes, 1880, Hackensack River, 1881; on Typha in old
cedar bog, 1948 (CHRU)

Polemoniaceae Phlox Family

Phlox paniculata L. (garden phlox, fall phlox, perennial
phlox)
edge of Phragmites marsh at the VonSteuben House

Boraginaceae Borage Family

Myosotis laxa Lehm. (forget-me-not)
swampy areas, 1913 (CHRU)

Verbenaceae Vervain Family

Verbena hastata L. (blue vervain, simpler's joy)
disturbed areas; in old cedar bog, 1948 (CHRU)

Labiatae Mint Family

Glechoma hederacea L. (run-away-robin,
gill-over-the-ground)
disturbed areas

Prunella vulgaris L. (heal-all, carpenterweed)
bulldozed area, 1968 (CHRU)

Pycnanthemum virginianum (L.) Durand and Jackson
(mountain mint, basil)
Hackensack meadows, 1884 (CHRU)

Scutellaria epilobiifolia A. Hamilton (common skullcap)
few in old cedar bog, 1948 (CHRU)

Solanaceae Nightshade Family

Solanum dulcamara L. (bittersweet, deadly nightshade)
area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas, wooded areas and edges of marshes

Scrophulariaceae

Figwort Family

Limosella subulata Ives (mudwort)

Hackensack River (Britton, 1889); state endangered but
seen in Bergen County fairly recently (Snyder and Vivian,
1981)

Linaria vulgaris Hill (butter-and-eggs, toadflax)
disturbed areas

Pedicularis lanceolata Michx. (lousewort, wood-betony)
meadows, 1883 (CHRU)

Verbascum blatteria L. (moth mullein, common mullein)
disturbed areas

Veronica arvensis L. (corn speedwell)

abundant in dried-out portion of the river and reservoir
during drought of 1980

Bignoniaceae

Trumpet Creeper Family

Catalpa bignonioides Walt. (common catalpa, Indian bean,
catawba)

large specimen on the edge of the river at the VonSteuben
House; marsh area at Fairleigh Dickinson University

Lentibulariaceae

Bladderwort Family

Utricularia intermedia Hayne (bladderwort)

Hackensack swamps (Britton, 1889)

Plantaginaceae

Plantain Family

Plantago lanceolata L. (narrow-leaved plantain, English
plantain, ribgrass, ribwort, ripple grass)

disturbed areas

Plantago rugelli Decne. (redstem plantain)

disturbed areas

Caprifoliaceae

Honeysuckle Family

- Lonicera japonica Thumb. (Japanese honeysuckle)
disturbed areas
- Sambucus canadensis L. (elderberry)
edge of river at Fairleigh Dickinson University
- Viburnum acerifolium L. (maple-leaf viburnum, arrow wood)
area of City of Hackensack (BCCAPEAT, 1979)
- Viburnum nudum L. (arrow wood)
Hackensack swamps (Britton, 1889); Hackensack swamps, 1874
(CHRU)

Cucurbitaceae

Gourd Family

- Sicyos angulatus L. (bur-cucumber)
common in disturbed areas

Compositae

Composite Family

- Achillea millefolium L. (common yarrow)
disturbed areas
- Ambrosia artemisiifolia L. (common ragweed)
area of City of Hackensack (BCCAPEAT, 1979); disturbed
areas; Hackensack, 1896 (CHRU)
- Antennaria plantaginifolia (L.) Hook (ladies'tobacco,
pussy-toes)
Hackensack, 1896 (CHRU)
- Aster ontarionis Wieg. (aster)
Hackensack meadows, 1869 (CHRU)
- Aster subulatus Michx. (salt marsh aster)
edge of water at the VonSteuben House
- Bidens laevis (L.) BSP. (bur-marigold, cuckold)
Hackensack meadows, 1869 (CHRU)
- Chrysanthemum leucanthemum L. (ox-eye daisy, marguerite,
white daisy)
disturbed areas
- Cichorium intybus L. (common chickory, blue sailors)
disturbed areas
- Cirsium arvense (L.) Seap. (Canada thistle)
disturbed area, 1968 (CHRU)
- Cirsium vulgare (Savi) Tenore
disturbed areas
- Conyza canadensis (L.) Cronq. (horseweed)
taxonomy after Gleason and Cronquist, 1963; disturbed
areas, 1968 (CHRU); disturbed areas
- Coreopsis trichosperma Michx. (tickseed)
not listed in Fernald (1950); Hackensack meadows (Britton,

1889)

Erigeron annuus (L.) Pers. (daisy fleabane, sweet scabious, white top)

disturbed areas

Eupatorium fistulosum Barratt (Joe Pye weed, trumpet weed)

disturbed areas

Eupatorium maculatum L. (Joe Pye weed)

disturbed areas, 1968 (CHRU)

Eupatorium perfoliatum L. (thoroughwort)

roadsides, 1948, swampy ground, 1920, and disturbed areas, 1968 (CHRU)

Eupatorium purpureum L. (sweet or green-stemmed Joe Pye weed)

old cedar bog, 1948 (CHRU)

Gnaphalium obtusifolium L. (catfoot)

old cedar bog, 1948 (CHRU)

Helianthus annuus L. (common sunflower)

disturbed area, 1968 (CHRU)

Helianthus tuberosus L. (Jerusalem artichoke)

abundant in Phragmites marsh at the VonSteuben House

Hieracium pratense Tausch (field hawkweed, yellow hawkweed, King Devil)

disturbed areas

Lactuca canadensis L. (wild lettuce)

disturbed areas

Liatris spicata (L.) Willd. (button snake root, blazing star)

Hackensack meadows (Britton, 1889)

Mikania scadens (L.) Willd. (climbing hempweed)

old cedar bog, 1948 (CHRU)

Pulchea purpurascens (S.W.) DC. (salt marsh fleabane)

edge of the river at the VonSteuben House; old cedar bog, 1948 (CHRU)

Prenanthes racemosa Michx. (rattle snake root)

Hackensack marshes (Britton, 1889); marshes, 1861 (CHRU); endangered but reported to have been seen fairly recently

in Bergen County (Snyder and Vivian, 1981)

Prenanthes racemosa var. pinnatifida Gray (rattle snake root)

Hackensack meadows (Britton, 1889)

Prenanthes trifoliata (Cass.) Fern. (gall-of-the-earth)

thickets, Little Ferry, 1916 (CHRU)

Senecio viscosus L. (groundsel, ragwort, squaw weed, butterweed)

disturbed areas

Solidago altissima L.

Hackensack meadows, 1864 (CHRU)

- Solidago elliotii T and G. (goldenrod)
 Hackensack meadows (Britton, 1889)
- Solidago fistulosa Mill.
 border of swamps, 1870 (CHRU)
- Solidago graminifolia (L.) Salibs. (grass-leaved
 goldenrod)
 roadsides and construction sites, 1968 (CHRU)
- Solidago juncea Ait.
 roadsides, 1968 (CHRU)
- Solidago patula Muhl.
 swampy areas, 1862 (CHRU)
- Solidago rugosa Ait.
 old cedar bog, 1948 (CHRU)
- Solidago sempervirens L. (seaside goldenrod)
 common in old cedar bog, 1948 (CHRU)
- Solidago uliginosa Nutt.
 Hackensack marshes (Britton, 1889)
- Sonchus asper (L.) Hill (spiny-leaved sow thistle)
 Hackensack meadows, 1862 (CHRU)
- Taraxacum officinale Weber (common dandelion)
 area of City of Hackensack (BCCAPEAT, 1979); ubiquitous

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